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Practitioner's Docket No. 1012-174(2002-063)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Oleg Kolosov, Leonid Matsiev

Application No.: 10/663,141

Group No.: 2856

Filed: September 16, 2003

Examiner: Unknown

For: HIGH THROUGHPUT RHEOLOGICAL TESTING OF MATERIALS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit this statement in accordance with their duty of disclosure under 37 CFR 1.56 and 1.97-1.98. The submission made herewith is in no way intended as an admission that the cited items constitute material prior art or otherwise would render the claims unpatentable in any way. The submission also is in no way intended to substitute for the Examiner's own independent investigation.

Copies of foreign patent documents and non-patent literature together with a listing on forms PTO/SB/08A and PTO/SB/08B are submitted herewith. Copies of cited U.S. patents and U.S. patent application publications have not been provided due to the waiver of the requirement under 37 CFR 1.98 (a)(2)(i). Applicants respectfully solicit

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the Examiner's consideration of the cited references and entry thereof into the record of this application.

This Information Disclosure Statement is being submitted prior to the mailing of a first Office Action or Notice of Allowance. No fees are believed to be due, however, if any fee is due with the filing of this paper please charge the amount to deposit account 50-0496.

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3 - 3 - 04



A handwritten signature in black ink, appearing to read "Scott A. Chapple", written over a horizontal line.

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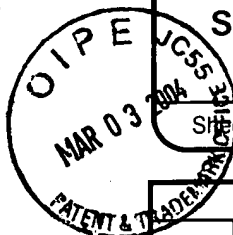
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 6

Complete if Known

Application Number	10/663,141
Filing Date	09/16/2003
First Named Inventor	Kolosov
Group Art Unit	2856
Examiner Name	Unknown
Attorney Docket Number	1012-174



U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		1,870,412		H.T. Kennedy	08/09/1932	
		3,071,961		J. J. Heigl et al.	01/08/1963	
		3,675,475		Weinstein	07/11/1972	
		3,713,328		Aritomi	01/30/1973	
		3,798,960		Glass	03/26/1974	
		3,805,598		Corcoran	04/23/1974	
		3,818,751		Karper et al.	06/25/1974	
		3,849,874		Jeffers	11/26/1974	
		3,895,513		Richardson	07/22/1975	
		3,908,441		Virloget	09/30/1975	
		3,933,032		Tschoegl	01/20/1976	
		4,229,979		Greenwood	10/28/1980	
		4,447,125		Lazay et al.	05/08/1984	
		4,517,830		Gunn, deceased et al.	05/21/1985	
		4,567,774		Manahan et al.	02/04/1986	
		4,570,478		Soong	02/18/1986	
		4,599,219		Cooper et al.	07/08/1986	
		4,602,501		Hirata	07/29/1986	
		4,605,589		Orphanides	08/12/1986	
		4,680,958		Ruelle et al.	07/21/1987	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			WO 96/11878		Reg. of the Univ. of Calif.	04/25/1996		
			WO 98/15501		Symyx Technologies	04/16/1998		
			WO 99/18431		Symyx Technologies	04/15/1999		
			WO 00/17413		Symyx Technologies	03/30/2000		
			WO 00/23921		Symyx Technologis, Inc.	04/27/2000		
			WO 00/36410 A1		Symyx Technologies, Inc.	06/22/2000		
			WO 00/40331		Symyx Technologies, Inc.	07/13/2000		
			WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
			WO 00/67086		Symyx Technologies, Inc.	11/09/2000		
			EP 1 158 290 A2		Symyx Technologies, Inc.	11/28/2001		

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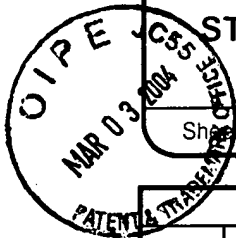
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Sheet 2 of 6

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		Number	Kind Code ² (if known)			
		4,685,328		Huebner et al.	08/11/1987	
		4,699,000		Lashmore et al.	10/13/1987	
		4,715,007		Fujita et al.	12/22/1987	
		4,740,078		Daendliker et al.	04/26/1988	
		4,749,854		Martens	06/07/1988	
		4,789,236		Hodor et al.	12/06/1988	
		4,793,174		Yau	12/27/1988	
		4,829,837		Telfer	05/16/1989	
		4,893,500		Fink-Jensen	01/16/1990	
		4,899,575		Chu et al.	02/13/1990	
		4,899,581		Allen et al.	02/13/1990	
		4,932,270		Lurie et al.	06/12/1990	
		4,975,320		Goldstein et al.	12/04/1990	
		5,008,081		Blau et al.	04/16/1991	
		5,051,239		von der Goltz	09/24/1991	
		5,092,179		Ferguson	03/03/1992	
		5,115,669		Fuller et al.	05/26/1992	
		5,142,900		Duke	09/01/1992	
		5,193,383		Burnham et al.	03/16/1993	
		5,236,998		Lundeen et al.	08/17/1993	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	01/79949	A2	Symyx Technologies, Inc.	10/25/2001		
		EP	0 317 356		Chichibu Cement Kabushiki	05/24/1989		
		JP	402297040	A	Akaha Toru	12/07/1990		
		DE	198 45 867	A1	Institut fur Polymerforschung	07/22/1999		
		WO	00/09255		Symyx Technologies	02/24/2000		

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		First Named Inventor	Kolosov
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Sheet	3	of	6

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		Number	Kind Code ² (if known)			
		5,269,190		Kramer et al.	12/14/1993	
		5,271,266		Eschbach	12/21/1993	
		5,272,912		Katsuzaki	12/28/1993	
		5,280,717		Hoseney et al.	01/25/1994	
		5,303,030		Abraham et al.	04/12/1994	
		5,305,633		Weissenbacher et al.	04/26/1994	
		5,398,885		Andersson et al.	03/21/1995	
		5,437,192		Kawamoto et al.	08/01/1995	
		5,438,863		Johnson	08/08/1995	
		5,452,614		Kato et al.	09/26/1995	
		5,452,619		Kawanabe et al.	09/26/1995	
		5,481,153		Turner	01/02/1996	
		5,517,860		Lin et al.	05/21/1996	
		5,520,042		Garritano et al.	05/28/1996	
		5,532,942		Kitamura et al.	07/02/1996	
		5,610,325		Rajagopal et al.	03/11/1997	
		5,626,779		Okada	05/06/1997	
		5,699,159		Mason	12/16/1997	
		5,700,953		Hlady et al.	12/23/1997	
		5,723,792		Miyazaki	03/03/1998	

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		Number	Kind Code ² (if known)			
		5,728,532		Ackley	03/17/1998	
		5,756,883		Forbes	05/26/1998	
		5,764,068		Katz et al.	06/09/1998	
		5,776,359		Schultz et al.	07/07/1998	
		5,817,947		Bergerus	10/06/1998	
		5,821,407		Sekiguchi et al.	10/13/1998	
		5,847,283		Finot et al.	12/08/1998	
		5,877,428		Scolton	03/02/1999	
		5,892,157		Syre	04/06/1999	
		5,922,967		Motoyama	07/13/1999	
		5,959,297		Weinberg et al.	09/28/1999	
		5,985,356		Schultz et al.	11/16/1999	
		5,999,887		Giannakopoulos et al.	12/07/1999	
		6,004,617		Schultz et al.	12/21/1999	
		6,010,616		Lewis et al.	01/04/2000	
		6,013,199		McFarland et al.	01/11/2000	
		6,030,917		Weinberg et al.	02/29/2000	
		6,033,913		Morozov et al.	03/07/2000	
		6,034,240		La Pointe	03/07/2000	
		6,034,775		McFarland et al.	03/07/2000	

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Sheet	5	of	6
		Application Number	10/663,141
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		Number	Kind Code ² (if known)			
		6,040,193		Winkler et al.	03/21/2000	
		6,043,317		Mumick et al.	03/28/2000	
		6,043,363		LaPointe et al.	03/28/2000	
		6,045,671		Wu et al.	04/04/2000	
		6,050,138		Lynch et al.	04/18/2000	
		6,050,139		Bousfield et al.	04/18/2000	
		6,087,181		Cong	07/11/2000	
		6,092,414		Newman	07/25/2000	
		6,124,476		Guram et al.	09/26/2000	
		6,149,882		Guan et al.	11/21/2000	
		6,151,123		Nielsen	11/21/2000	
		6,157,449		Hajduk	12/05/2000	
		6,175,409		Nielsen et al.	01/16/2001	
		6,177,528		LaPointe et al.	01/23/2001	
		6,182,499		McFarland et al.	02/06/2001	
		6,187,164		Warren et al.	02/13/2001	
		6,203,726		Danielson et al.	03/20/2001	
		6,225,487		Guram	05/01/2001	
		6,225,550		Hornbostel et al.	05/01/2001	
		6,230,548		Han et al.	05/15/2001	

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		6,242,623		Boussie et al.	06/05/2001	
		6,248,540		Weinberg et al.	06/19/2001	
		6,260,407		Petro et al.	07/17/2001	
		6,265,226		Petro et al.	07/24/2001	
		6,265,601		Guram et al.	07/24/2001	
		6,268,513		Guram et al.	07/31/2001	
		6,294,388		Petro	09/25/2001	
		6,296,771		Miroslav	10/02/2001	
		6,306,658		Turner et al.	10/23/2001	
		6,315,923		Devenney et al.	11/13/2001	
		6,326,090		Schultz et al.	12/04/2001	
		6,336,353		Matsiev et al.	01/08/2002	
		6,371,640		Hajduk et al.	04/16/2002	
		6,393,895		Matsiev et al.	05/28/2002	
		6,393,898		Hajduk et al.	05/28/2002	
		6,406,632		Safir et al.	06/18/2002	
		6,541,271		McFarland et al.	04/01/2003	
		6,024,925		Little et al.	02/15/2000	
		6,507,945		Rust et al.	01/14/2003	
		6,658,429		Dorsett, Jr. et al.	12/02/2003	

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STATEMENT BY APPLICANT**

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of

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Application Number	10/663,141
Filing Date	09/16/2003
First Named Inventor	Oleg Kolosov
Art Unit	2856
Examiner Name	Unknown
Attorney Docket Number	1012-174

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,535,284	03/18/2003	Carlson et al.	
		US- 6,690,179	02/10/2004	Hajduk et al.	
		US- 6,650,102	11/18/2003	Hajduk	
		US- 6,664,067	12/16/2003	Carlson et al.	
		US- 3,933,032	01/20/1976	Tschoegi	
		US- 4,926,682	05/22/1990	Holm-Kennedy et al.	
		US- 5,279,149	01/18/1994	Williams et al.	
		US- 5,847,268	12/08/1998	Ball	
		US- 4,402,215	09/06/1983	Guastavino	
		US- 5,365,776	11/22/1994	Lehmann et al.	
		US- 2003/0041672	03/06/2003	Hajduk et al.	
		US- 2003/0037620	02/27/2003	Mansky	
		US- 2003/0041663	03/06/2003	Kossuth et al.	
		US- 2003/0037601	02/27/2003	Mansky et al.	
		US- 2003/0203500	10/30/2003	Carlson et al.	
		US- 2003/0097871	05/29/2003	Mankys	
		US- 2003/0218467	11/27/2003	Carlson	
		US- 2002/0098471	Weinberg et al.	07/25/2002	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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Application Number 10/663,141

Filing Date 09/16/2003

First Named Inventor Oleg Kolosov

Art Unit 2856

Examiner Name Unknown

Attorney Docket Number 1012-174

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,412,336	07/02/2002	Shin et al.	
		US- 6,484,566	11/26/2002	Shin et al.	
		US- 6,393,895	05/28/2002	Matsiev et al.	
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		Application Number	10/663,141
		Filing Date	09/16/2003
		First Named Inventor	Kolosov
		Group Art Unit	2856
		Examiner Name	Unknown
		Attorney Docket Number	1012-174
Sheet	1	of	0

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		U.S. Application Serial No. 09/420,334 entitled " Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
		U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	
		The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	
		U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999	
		The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
		The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
		The family of applications for U.S. Application Serial No. 09/156,827 entitled "Formation of Combinatorial Arrays of Materials Using Solution-Based Methodologies" (Giaquinta et al.) filed September 18, 1998	
		U.S. Provisional Patent Application Serial No. 60/371,357 filed on April 10, 2002.	
		U.S. Application Serial No. 10/274,184 filed October 18, 2002	

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Application Number		Filing Date	10/663,141 09/16/2003
First Named Inventor		Group Art Unit	Kolosov 2856
Examiner Name		Attorney Docket Number	Unknown 1012-174
Sheet	1	of	0

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
		YOUNG, W.C., Roark's Formulas for Stress and Stain, 1989	
		TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	
		OSTERBERG, Peter M. and Stephen D. Senturia, "M-TEST: A Test Chip for MEMS Material Property Measurement Using Electrostatically Actuated Test Structures," Journal of Microelectromechanical Systmes, Vol. 6, No. 2, June 1997	
		KIM, J.O. and B. Lewis Slaten, "Objective Assessment of Fabric Handle in Fabrics Treated With Flame Retardants," Journal of Testing and Evaluation, JTEVA, Vol. 24, No. 4, July 1996, pp. 223-228.	
		GROVER, G. et al., "A Screening Technique for Fabric Handle", J. Text. Inst., 1993, 84 No. J. Textile Institute, pp. 486-494.	
		PAN, NING and K.C. Yen, "Physical Interpretations of Curves Obtained Through the Fabric Extraction Process for Handle Measurement," Textile Research Journal 62(5), pp. 279-290 (1992).	
		"Handle-O-Meter", Thwing-Albert Instrument Company, Philadelphia, PA.	
		RAEEL, MASTURA and Jiang Liu, "An Empirical Model for Fabric Hand" Textile Research Journal 62, 1, pp. 31-38 (1991).	
		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).	

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Application Number	10/663,141	Filing Date	09/16/2003
First Named Inventor	Kolosov	Group Art Unit	2856
Examiner Name	Unknown	Attorney Docket Number	1012-174
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		"DMA 2980 Dynamic Mechanical Analyer," http://www.tainst.com/dma2.html , 12/29/00	
		"Introducing the NEW DMTA V!", http://www.rheometricsscintific.com/dmtaV.htm , 12/29/00	
		"Standard Test Method for Rubber Property-Intrenational Hardness," American Society for Testing and Materials	
		AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	
		CALLEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	
		BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	
		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Propoerties of Thin Polyimide Films" pp. 647-668	
		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	
		European Search Report dated December 10, 2001	

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